

SECRET

PHOTOGRAPHIC INTERPRETATION REPORT



25X1A



MISSION

25X1A

059

20 DECEMBER 1968

NPIC/R-142/68

DECEMBER 1968

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

SECRET

WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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NPIC/R-142/68

25X1A PREFACE

25X1A

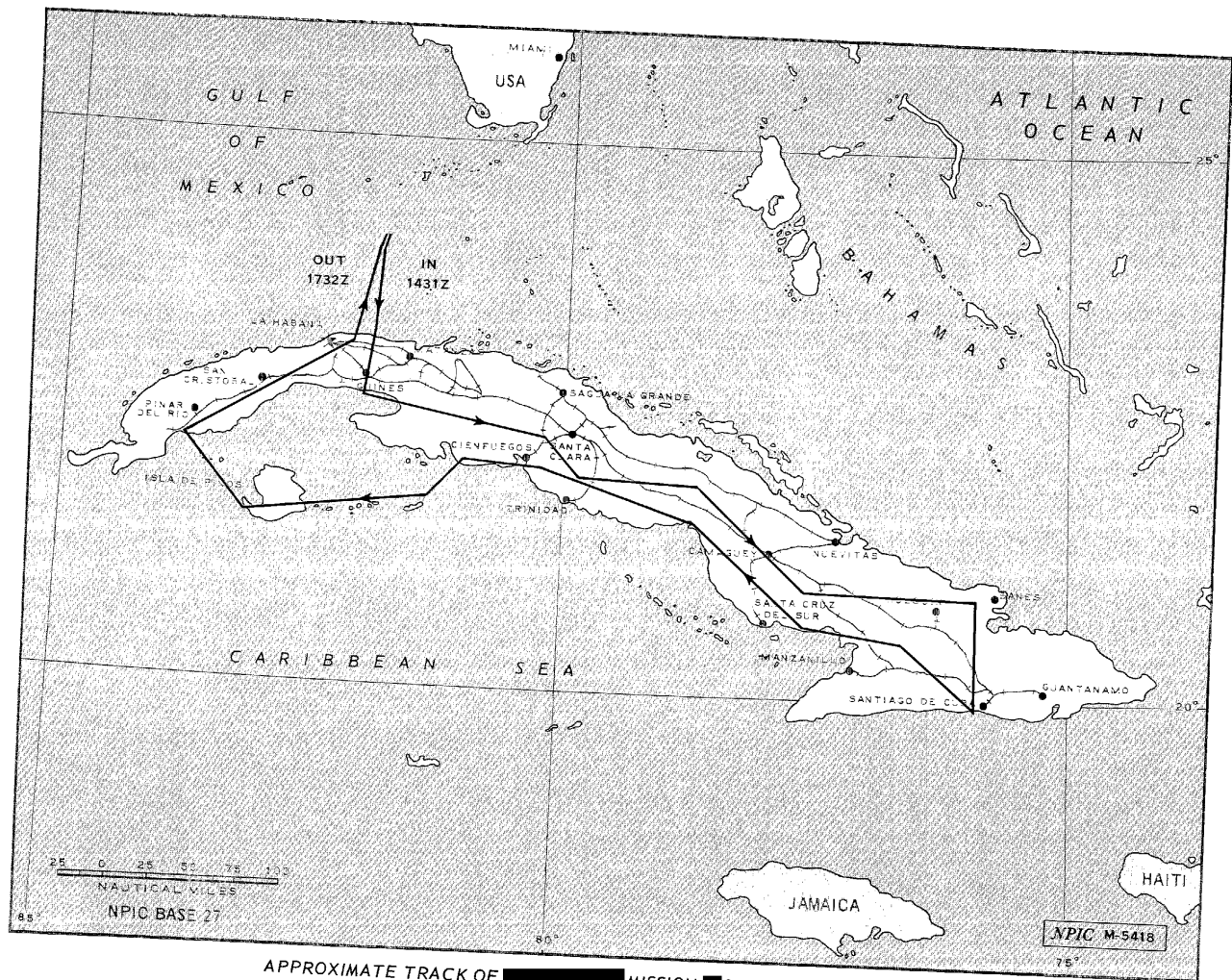
THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM MISSION 059, 20 DEC 68. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMI DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

NEGATIVE RESPONSES TO SPECIFIC REQUIREMENTS WILL BE ANSWERED FOR THE MOST PART BY NAC (NO APPARENT CHANGE) AND/OR NOOB (NO ORDER OF BATTLE DISCERNIBLE) AT THE END OF THE REFERENCE LINE.

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APPROXIMATE TRACK OF [REDACTED] MISSION 059, 20 DECEMBER 1968

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SUMMARY

THE DELTA III CAMERA SYSTEM WAS UTILIZED FOR THIS MISSION. INTERPRETABILITY GENERALLY RANGES FROM FAIR TO POOR DUE TO ATMOSPHERIC CONDITIONS, THE PARTIAL MALFUNCTION OF THE AFT CAMERA, AND THE COMPLETE MALFUNCTION OF THE FORWARD CAMERA.

ONE YP AND FIVE FREIGHTERS ARE DISCERNIBLE IN CLOUD-FREE AREAS OF SANTIAGO DE CUBA NAVAL BASE AND PORT.

A PROBABLE BAR LOCK RADAR AND A PROBABLE ROCK OR STONE CAKE RADAR ARE NEWLY OBSERVED 0.6 NM NNW OF SANTA CRUZ DEL NORTE AW RADAR FACILITY.

MISSILE, AIR, NAVAL, ELECTRONICS, AND GROUND ACTIVITY IS OTHERWISE NORMAL IN THE AREAS COVERED BY THIS MISSION.

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MISSILES

25X1D

CAMPO FLORIDO SAM SITE A07-2

CU

445-B

25X1A

25X1A

OB -- 2 LAUNCHERS (BOTH WITH MISSILES), 12 TRANSPORTERS (1 WITH EXPOSED MISSILE), A PROBABLE FAN SONG RADAR WITH 4 VANS, A PROBABLE ACQUISITION RADAR, 9 AT-S TRACKED PRIME MOVERS, 15 ZIL-157V PRIME MOVERS, 4 CARGO TRUCKS, AND 12 VEHICLES OR PIECES OF EQUIPMENT.

25X1D

25X1D

GUARA SAM SITE A29-2

CU

488

25X1A

OB -- 6 LAUNCHERS (3 WITH MISSILES), 10 TRANSPORTERS (1 WITH EXPOSED MISSILE), A FAN SONG RADAR WITH 4 VANS, A PROBABLE ACQUISITION RADAR, 9 AT-S TRACKED PRIME MOVERS, 10 ZIL-157V PRIME MOVERS, 1 TRUCK-MOUNTED CRANE, 4 CARGO TRUCKS, AND 4 UTILITY TRUCKS.

25X1A

25X1D

25X1D

RANCHUELO SAM SITE A33-2

CU

154-B

25X1A

OB -- 6 LAUNCHERS (2 WITH MISSILES), 1 MISSILE ON A DOLLY, 10 MISSILE TRANSPORTERS (1 WITH EXPOSED MISSILE), A PROBABLE FAN SONG RADAR WITH 6 VANS, 9 AT-S TRACKED PRIME MOVERS, 2 ZIL-157V PRIME MOVERS, 3 CARGO TRUCKS, AND 3 ANTENNA CARRIERS.

25X1A

25X1D

25X1D

SANTA CLARA SAM SITE A34-2

CU

177-Q1

25X1A

OB -- 6 LAUNCHERS (3 WITH MISSILES), 11 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 5 VANS, AN OCCUPIED ACQUISITION RADAR POSITION, 12 ZIL-157V PRIME MOVERS, AND 10 VEHICLES OR PIECES OF EQUIPMENT.

25X1A

25X1D

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25X1A

SANTIAGO DE CUBA SAM SITE A18-2
24-H

25X1D

CU

OB -- 6 LAUNCHERS (4 WITH MISSILES), 8 MISSILE
TRANSPORTERS (3 WITH MISSILES), A POSSIBLE FAN SONG
RADAR WITH 6 VANS, AN OCCUPIED ACQUISITION RADAR
POSITION, AND 1 POSSIBLE VEHICLE.

25X1A

25X1D

25X1A

SANTA ISABEL DE LAS LAJAS SAM A35-2
154-C

25X1D

CU

OB -- 6 LAUNCHERS (2 WITH MISSILES), 10 MISSILE
TRANSPORTERS (3 WITH MISSILES), A FAN SONG B/C RADAR
WITH 5 VANS, AN ACQUISITION RADAR WITH 2 VANS, 2
PROBABLE AT-S TRACKED PRIME MOVERS, 9 ZIL-157V PRIME
MOVERS, 2 CARGO TRUCKS, AND 2 PROBABLE ANTENNA
CARRIERS.

25X1A

25X1D

25X1A

LA CATALINA SAM SITE A34-2
172-H

25X1D

CU

OB -- AT LEAST 5 LAUNCHERS (2 WITH MISSILES), 7
TRANSPORTERS (1 WITH EXPOSED MISSILE), A POSSIBLE
ACQUISITION RADAR, AND AT LEAST 26 VEHICLES.

25X1A

25X1D

LA ESPERANZA SAM ASSEMBLY AREA
511

25X1D

CU

25X1A

OB -- 7 MISSILE TRANSPORTERS (5 EMPTY), 5 MISSILE
CANISTER TRANSPORTERS, 9 PROBABLE ZIL-157V PRIME
MOVERS, 2 TRUCK-MOUNTED CRANES, 1 VAN TRUCK, 1 CARGO
TRUCK, 8 VEHICLES OR PIECES OF EQUIPMENT, AND
NUMEROUS MISSILE CANISTERS.

25X1A

25X1D

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25X1A

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE CU
214-C

25X1D

CONSTRUCTION CONTINUES ON THE LAUNCH POSITIONS.
OB -- 3 VEHICLES OR PIECES OF EQUIPMENT.

25X1A

25X1D

25X1A

SAN JOSE DE LAS LAJAS SSM SITE 2 CRU
172-E1

CU

25X1D

OB -- 20 SAMLET TRANSPORTERS WITH PRIME MOVERS, 6
AT-S TRACKED PRIME MOVERS, 7 VAN TRUCKS, 2 PROBABLE
GENERATOR TRAILERS, 2 PROBABLE VAN TRAILERS, 9 CARGO
TRUCKS, 1 CARGO TRAILER, AND 9 VEHICLES OR PIECES OF
EQUIPMENT.

25X1A

25X1D

25X1A

SAN JOSE DE LAS LAJAS SSM SITE 1 CRU
172-E2

CU

25X1D

OB -- 6 CARGO TRUCKS.

25X1D

25X1A

25X1A

SAN JOSE DE LAS LAJAS CRUISE-MSL STORAGE CU
172-E

25X1D

OB -- 2 SAMLET LAUNCHERS, 1 PROBABLE TOWER-MOUNTED
RADAR, 1 PROBABLE SHEET BEND RADAR, 9 VAN TRUCKS, 10
AT-S TRACKED PRIME MOVERS, 3 CARGO TRUCKS, 6 CARGO
TRAILERS, AND 5 VEHICLES OR PIECES OF EQUIPMENT.

25X1A

25X1D

25X1A

SAN JOSE DE LAS LAJAS MISSILE SPT 1
172-E3

CU

25X1D

25X1D

25X1A

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AIR FACILITIES

IGNACION AGRAMONTE AIRFIELD

25X1A 27

25X1D
CU

OB -- 1 COLT AND 3 HOUND.

25X1A

25X1D

JAIME GONZALES AIRFIELD

25X1A 51-C

25X1D
CU

CONSTRUCTION CONTINUES ON THE RUNWAY EXTENSION.

25X1A

25X1D

NAVAL ACTIVITY/PORTS

CIENFUEGOS PORT FACILITIES

25X1A 51-A

25X1D
CU

OB -- 2 SMALL COMBATANTS.

25X1A

25X1D

CIENFUEGOS PORT A NAVAL FACILITIES

25X1A 51-A1

25X1D
CU

OB -- 2 KRONSTADT PC, 1 KOMAR PTG, 5 P-6 PT, 1 YP,
AND 2 POSSIBLE STYX MISSILES ON THE SHORE (PROBABLY
NET COVERED).

25X1A

25X1D

SANTIAGO DE CUBA NAVAL BASE AND PORT

25X1A 76

25X1D
CU

OB -- 1 YP.
OTHER VESSELS -- 5 FREIGHTERS.

25X1A

25X1D

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ELECTRONICS/COMMUNICATIONS

SANTA CRUZ DEL NORTE AW RADAR FACILITY CU
214-F

25X1D

CONSTRUCTION CONTINUES ON THE RADAR MOUNDS.

25X1D

SANTA CRUZ DEL NORTE TK-AW RDR FAC
214-G

25X1D

CU

OB -- 1 TALL KING RADAR.

25X1D

SANTA CRUZ DEL NORTE AW RADAR FAC 2
0586 214-H

25X1D

CU

NO COMRX

0.1 NM WSW OF SANTA CRUZ DEL NORTE AND 0.6 NM NNW OF
SANTA CRUZ DEL NORTE AW RADAR FACILITY (COMIREX)

OB -- 1 PROBABLE BAR LOCK RADAR AND A PROBABLE ROCK
CAKE OR STONE CAKE RADAR ON MOUNDS.

25X1A

25X1D

GROUND FORCE ACTIVITY

DOS CAMINOS MILITARY BARRACKS
317-A

25X1D

CU

OB -- 18 FA PIECES, 6 AAA PIECES, 11 AT-5 TRACKED
PRIME MOVERS, 20 CARGO TRUCKS, AND 60 VEHICLES OR
PIECES OF EQUIPMENT.

25X1A

25X1D

SANTA CLARA MILITARY CAMP SOUTH
177-F1

25X1D

CU

25X1A

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25X1A

25X1A

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SANTA CLARA MILITARY CAMP SANTA EULOGIA
177-X3

CU

25X1D

OB -- 6 CARGO TRUCKS.

25X1A

25X1D

SANTIAGO DE CUBA MIL CAMP SAN JUAN HILL
76-X4

CU

25X1D

OB -- 1 POSSIBLE FA PIECE, 1 CARGO TRUCK, AND 3
VEHICLES OR PIECES OF EQUIPMENT.

25X1A

25X1D

LAS MERCEDES VEHICLE PARK
177-K1

CU

25X1D

OB -- 5 CARGO TRUCKS, 2 VAN TRUCKS, 3 VAN TRAILERS,
AND 32 VEHICLES OR PIECES OF EQUIPMENT.

25X1A

25X1D

SAN JOSE DE LAS LAJAS STOR. AREA
172-E4

CU

25X1D

THE BUNKERS PREVIOUSLY REPORTED UNDER CONSTRUCTION
ARE NOW EARTH COVERED. CONSTRUCTION CONTINUES ON
ADDITIONAL BUNKERS.

25X1A

25X1D

CIENFUEGOS LANDING BEACH
51-U

CU

2202//N

08036//W

NINETY PERCENT OF THE BEACH IS COVERED ON CLEAR
PHOTOGRAPHY OF FAIR INTERPRETABILITY.

25X1A

25X1D

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GUARA MILITARY ACTIVITY
0586 488-A

CU 2251//N 08208//W
NO COMRX

A TRACKED VEHICLE DRIVER-TRAINING COURSE HAS BEEN
CONSTRUCTED NW OF THE CAMP.
OB -- 19 TANKS OR ASSAULT GUNS.

25X1D

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INDEX OF TARGETS

AN ASTERISK (*) IN THE FINAL COLUMN DESIGNATES A TARGET THAT IS IDENTIFICATION ONLY.

COMIREX	INSTALLATION NAME	CTY
	CAMPO FLORIDO SAM SITE A07-2	CU
	GUARA SAM SITE A29-2	CU
	HOLGUIN SAM SITE WEST B27-2	CU *
	HOLGUIN PROBABLE SAM SITE	CU *
	RANCHUELO SAM SITE A33-2	CU
	SANTA CLARA SAM SITE A34-2	CU
	SANTIAGO DE CUBA SAM SITE A23-2	CU *
	SANTIAGO DE CUBA SAM SITE A18-2	CU
	SANTA ISABEL DE LAS LAJAS SAM A35-2	CU
	LA CATALINA SAM SITE A34-2	CU
	LA ESPERANZA SAM ASSEMBLY AREA	CU
	SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE	CU
	SAN JOSE DE LAS LAJAS SSM SITE 2 CRU	CU
	SAN JOSE DE LAS LAJAS SSM SITE 1 CRU	CU
	SAN JOSE DE LAS LAJAS CRUISE-MSL STORAGE	CU
	SAN JOSE DE LAS LAJAS MISSILE SPT 1	CU
	SANTIAGO SAM TRAINING AREA	CU *
	SANTIAGO DE CUBA SAM SITE SW	CU *
	CAMILO CIENFUEGOS AIRFIELD	CU *
	IGNACION AGRAMONTE AIRFIELD	CU
	ANTONIO MACEO AIRFIELD	CU *
	JAIME GONZALES AIRFIELD	CU
	CIENFUEGOS PORT FACILITIES	CU
	CIENFUEGOS PORT A NAVAL FACILITIES	CU
	SANTIAGO DE CUBA NAVAL BASE AND PORT	CU
	HOLGUIN RADAR FACILITY	CU *
	CIENFUEGOS RADAR FACILITY 2	CU *
	SANTIAGO DE CUBA LOW SIEVE RADAR FAC	CU *
	SANTA CRUZ DEL NORTE AW RADAR FACILITY	CU
	SANTA CRUZ DEL NORTE TK-AW RDR FAC	CU
	SANTA CRUZ DEL NORTE AW RADAR FAC 2	CU
	DOS CAMINOS MILITARY BARRACKS	CU
	HOLGUIN MILITARY CAMP EAST	CU *
	HOLGUIN MILITARY CAMP PIEDRAS	CU *
	EL CRISTO MILITARY AREA	CU *
	SANTA CLARA MIL CAMP SW AREA 1	CU *
	SANTA CLARA MILITARY CAMP SOUTH	CU
	SANTA CLARA MILITARY CAMP SANTA EULOGIA	CU
	SANTIAGO DE CUBA MILITARY BKS NW	CU *
	SANTIAGO DE CUBA MILITARY CAMP NW	CU *
	SANTIAGO DE CUBA MIL CAMP SAN JUAN HILL	CU

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LAS MERCEDES VEHICLE PARK
HOLGUIN MILITARY INSTITUTE
SAN JOSE DE LAS LAJAS STOP AREA

CIENFUEGOS LANDING BEACH
MAR VERDE LANDING BEACH
LUNA PUNTA LANDING BEACH 173
GUARA MILITARY ACTIVITY
SANTIAGO EARTH-COVERED BUNKER

CU
CU *
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CU *

25X1D

25X1D

12
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